

**Box No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT**

*The declaration must conform to the standardized wording provided for in Section 212; see Notes to Boxes Nos. VIII, VIII(i) to (v) (in general) and the specific Notes to Box No. VIII(ii). If this Box is not used, this sheet should not be included in the request.*

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51 bis. 1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:

In relation to this international application, Murata Manufacturing Co., Ltd. is entitled as employer of the inventores Soshu Kiriara, Yoshinari Miyamoto, Takuji Nakagawa and Katsuhiko Tanaka.

This declaration is made for the purpose of all of the foregoing designations for national and/or regional patents.

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☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII (ii)".**Box No. VIII (iii) DECLARATION: ENTITLE TO CLAIM PRIORITY**

*The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII(i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.*

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51 bis. 1(a)(iii)):

In relation to this international application, Murata Manufacturing Co., Ltd. is entitled as employer of the inventores Soshu Kiriara, Yoshinari Miyamoto, Takuji Nakagawa and Katsuhiko Tanaka.

This declaration is made for the purpose of all of the foregoing designations for national and/or regional patents.

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☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iii)".

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)

*The declaration must conform to the standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII(i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of inventorship (Rules 4.17(iv) and 51 bis.1(a)(iv))  
for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

☒ This declaration is directed to the international application of which it forms a part.

☐ This declaration is directed to international application No. PCT/ \_\_\_\_\_

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: Japan Application No. 2002-154254

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. Section 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Soshu Kiriara

Residence: Osaka-fu, Japan JPX

(city and either US state, if applicable, or country)

Mailing Address: (A170) Intellectual Property Department  
Murata Manufacturing Co., Ltd.; 26-10, Tenjin 2-chrome,  
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Citizenship: Japan

Soshu Kiriara  
Inventor's Signature

May 12, 2003  
Date

Name: Yoshinari Miyamoto

Residence: Osaka-fu, Japan JPX

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Citizenship: Japan

Yoshinari Miyamoto  
Inventor's Signature

May 12, 2003  
Date

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☒ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

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## Continuation of Box No. VIII (iv) DECLARATION

Name: Takuji NakagawaResidence: Kyoto-fu, Japan JPX

(city and either US state, if applicable, or country)

Mailing Address: (A170) Intellectual Property Department  
 Murata Manufacturing Co., Ltd.; 26-10, Tenjin 2-chrome,  
 Nagaokakyo-shi; Kyoto-fu 617-8555, Japan

Citizenship: Japan

Takuji Nakagawa  
 Inventor's Signature

May 7, 2003  
 Date
Name: Katsuhiko TanakaResidence: Osaka-fu, Japan

(city and either US state, if applicable, or country)

Mailing Address: (A170) Intellectual Property Department  
 Murata Manufacturing Co., Ltd.; 26-10, Tenjin 2-chrome,  
 Nagaokakyo-shi; Kyoto-fu 617-8555, Japan

Citizenship: Japan

Katsuhiko Tanaka  
 Inventor's Signature

April 27, 2003  
 Date

Name:

Residence:

(city and either US state, if applicable, or country)

Mailing Address:

Citizenship:

Sasha Kirihara  
 Inventor's Signature

May 12, 2003  
 Date

Name:

Residence:

(city and either US state, if applicable, or country)

Mailing Address:

Citizenship:

Y. Miyamae  
 Inventor's Signature

May 12, 2003  
 Date


This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

<b>POWER OF ATTORNEY OR AUTHORIZATION OF AGENT</b>	Appln. No./Patent No.	To be assigned
	Filing Date/Issue Date	To be assigned.
	First Named Inventor	Soshu Kiriara
	Title of the Invention	THREE DIMENSIONAL PERIODIC STRUCTURE AND METHOD OF PRODUCING THE SAME
	Group Art Unit	To be assigned
	Examiner's Name	To be assigned
	Attorney Docket No.	M1071.1920
<p>The below-indicated assignee of record of the entire right, title and interest in the subject patent or application for patent, pursuant to 37 C.F.R. §3.71, hereby appoints Practitioners at Customer Number <b>32172</b> as attorneys or agents to transact all business in the United States Patent and Trademark Office connected with said patent or application to the exclusion of the inventor(s) or any assign(s), attorney(s) or agent(s) previously so entitled. A <i>Statement Under 37 C.F.R. §3.73(b)</i> is enclosed. (Form PTO/SB/96).</p>		
<p>Please change the correspondence address for the above-identified application to:</p> <p style="text-align: center;"> Dickstein Shapiro Morin &amp; Oshinsky LLP  1177 Avenue of the Americas  New York, New York 10036-2714  Telephone: (212) 835-1400  Facsimile: (212) 997-9880 </p>		
<b>SIGNATURE of Assignee of Record</b>		
Name of First Assignee	<b>Murata Manufacturing Co., Ltd.</b>	
Name of Authorized Representative	Kunisaburo Tomono	
Signature of Authorized Representative	<i>K. Tomono</i>	
Title of Authorized Representative	General Manager Intellectual Property Department	
Date	September 22, 2004	

Customer No: 32172

## STATEMENT UNDER 37 CFR 3.73(b)

10/509730

Applicant/Patent Owner: Soshu Kiriara et al.

Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Entitled: THREE DIMENSIONAL PERIODIC STRUCTURE AND METHOD OF PRODUCING THE SAMEMURATA MANUFACTURING CO., LTD.

(Name of Assignee)

, a

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. [x] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_ , Frame \_\_\_\_\_ , or for which a copy thereof is attached.

OR

- B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_ , Frame \_\_\_\_\_ , or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_ , Frame \_\_\_\_\_ , or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_ , Frame \_\_\_\_\_ , or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

- [ ] Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

September 22, 2004

Date

Kunisaburo Tomono

Typed or printed name

\_\_\_\_\_  
Telephone NumberK. Tomono  
Signature

Authorized Signer for Assignee

General Manager Intellectual Property Department